

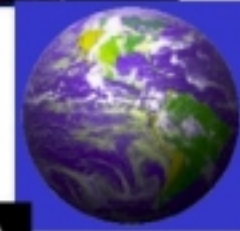
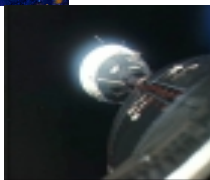
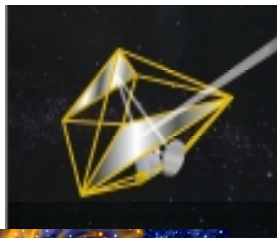


National Aeronautics and
Space Administration

Office of Space Science

Space Technology Provider Workshop

Sponsored by:
New Millennium Program
and
Living With A Star Program
Marriott Key Bridge Hotel
August 23-24, 2000





National Aeronautics and
Space Administration

Office of Space Science

AGENDA

DAY 1

8:00	Opening Remarks and Workshop Objectives	Dr. Dana Brewer
8:25	Administrative Information	David Spencer
8:30	Program Overviews	
	<ul style="list-style-type: none">• New Millennium Program (NMP)• Living With a Star Program (LWS)• NMP Subsystem Technology Validation• Space Environment Testbed (SET)	Dr. Fuk Li (given by D. Brewer) Dr. George Withbroe Dr. Christopher Stevens Janet Barth
10:00	NMP-LWS Space Test Decision Tree	Dr. Dana Brewer
10:20	Space Test and Flight Validation Partnerships	Janet Barth/Dr. Christopher Stevens
10:45	Assignment to Breakout Sessions	David Spencer
11:00	Breakout Sessions/Program Presentations	
12:00-1:30	Lunch	
1:30	Breakout Sessions-continued	
5:30	Adjourn from Breakout Sessions	

NMP





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AGENDA

Day 2

8:00	Recap in Breakout Sessions	
8:30	Breakout Sessions-continued	
12:00-1:30	Lunch	
2:30	Breakout Summary Reports	
4:00	Workshop Recap and Closing Remarks	NMP/LWS
4:30	Adjourn	

NMP





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LWS Breakout Session Assignments

Room Assignment

- | | |
|--|---|
| • Charging and Discharging | Chair: Dale Ferguson
Co-Chair: Ralph Carruth |
| • Degradation and
Shielding Properties of Materials | Chair: Edward Long
Co-Chair: David Edwards |
| • Microelectronics | Chair: Sammy Kayali
Co-Chair: Dale McMorrow |
| • Detector Technologies | Chair: Lee Feinberg
Co-Chair: Michael Jones |





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NMP Breakout Session Assignments

Room Assignment

•Lightweight Deployable Technologies

Solar Sail Deployment

Lightweight High Voltage Solar Array

Deployable and Inflatable Booms

Membrane Optics Deployment

Chair: Chris Moore

Co-Chair: Tosh Fujita

•Spacecraft Miniaturization Technologies

Ultra Low Power Advanced Electronics

Miniature Energy-Saving Thermal Control Subsystem

Wideband Optical Communications

Secondary Batteries For Deep Space Missions

Dilution Cryocoolers

Chair: Jack Stocky

Co-Chair: Joe Nainiger

•Autonomy Technologies

Autonomous Rendezvous

On-Board Data Processing

Autonomous Goal-Based Mission Commanding & Execution

Model-Based Fault Protection For Complex Systems

Chair: Nicola Muscettola

Co-Chair: Abdullah Aljabri

NMP